

DERWENT-ACC-NO: 1998-143427

DERWENT-WEEK: 199813

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TITLE: System for growing plants hydroponically using  
flood and  
tray with drain technique - comprises reservoir, growing  
inlet and outlet, expanded clay, hose, pump and  
timer

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PRIORITY-DATA: 1996NZ-0299946 (December 16, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
NZ 299946 A	February 26, 1998	N/A
000 A01G 031/00		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
NZ 299946A	N/A	1996NZ-0299946
December 16, 1996		

INT-CL (IPC): A01G031/00, A01G031/02

ABSTRACTED-PUB-NO: NZ 299946A

BASIC-ABSTRACT:

The system comprises a reservoir (1), a growing tray (2), expanded clay (3), hose (4), pump (5) and a timer. The arrangement is such that the growing tray has an outlet and an inlet (8).

The inlet is connected to an outlet of the pump. An inlet of the pump is sited below the level of a nutrient/water mix in the reservoir so that at predetermined times for predetermined intervals the nutrient/water

mix is  
flooded into the growing tray in which the expanded clay is situated  
to flood  
the growing tray from which the mixture gradually drains via the  
outlet back to  
reservoir.

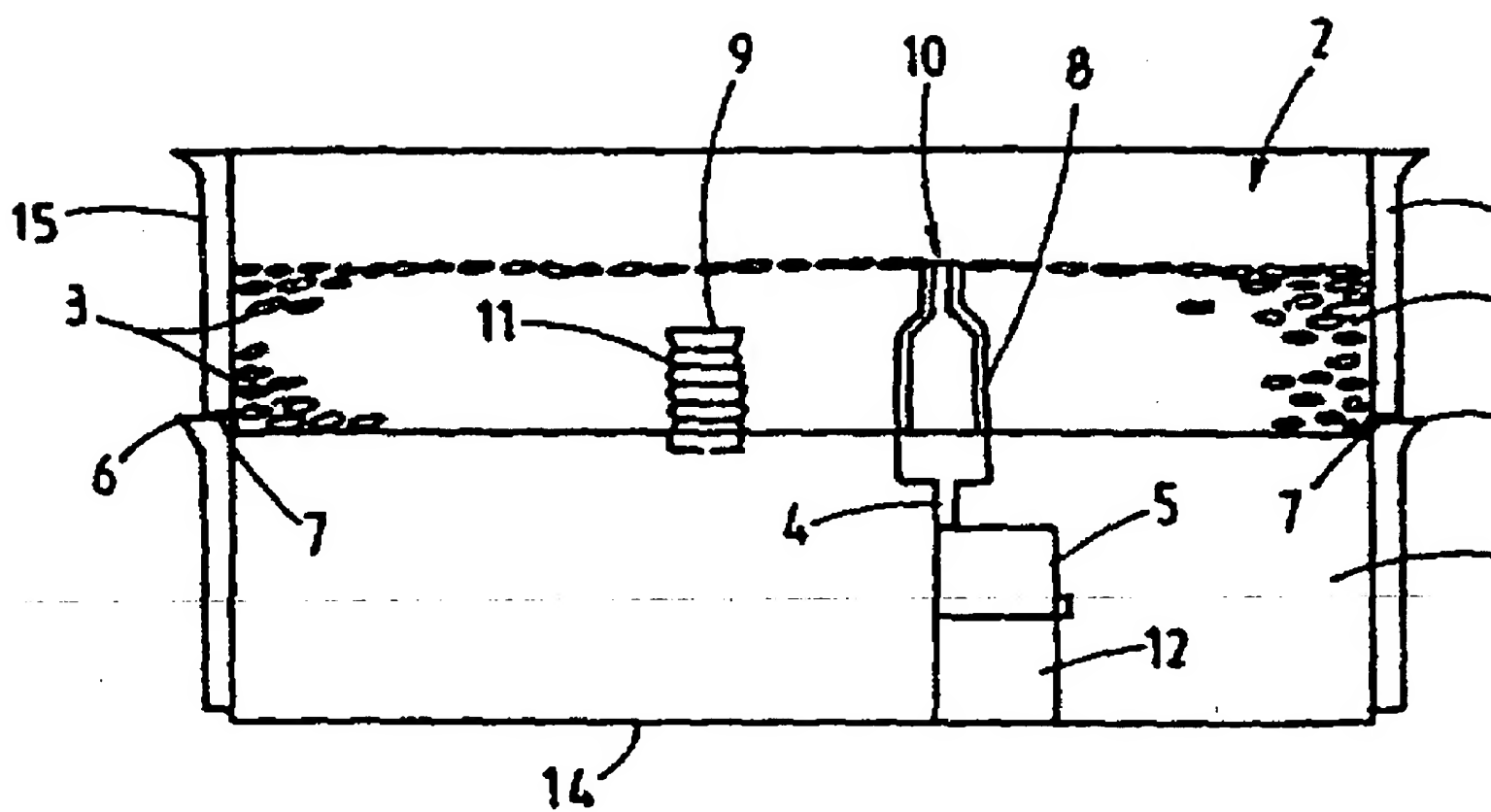
CHOSEN-DRAWING: Dwg.1

TITLE-TERMS: SYSTEM GROW PLANT FLOOD DRAIN TECHNIQUE COMPRISE  
RESERVOIR GROW  
TRAY INLET OUTLET EXPAND CLAY HOSE PUMP TIME

DERWENT-CLASS: P13

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1998-113502



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